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R\VW/T 04/19/01	AD/hbh(amg)	APR 2 5 2001		DOCKET	NO.: 2079.1042-001	#126/6
		MADEMA	ATENT AND TRADEM		$\mathbf{H} \mathbf{H} (\mathbf{I} \mathbf{H})$	<i>&amp;≫</i>  \/F
Applic	eants:	Gavin C. Hirst, Paul Rafferty, Stephen St. Gallay	, Kurt Ritter, David Cald	lerwood, He	len Twigger, APR 2 6	2001
Applic	ation No.:	09/663,320	Group Art Unit:	1614	TECH CENTER	1600/29
Filed:		September 15, 2000	Examiner:	Not Assig	gned	
Title:		KINASE INHIBITORS AS T	THERAPEUTIC AGENT	rs /		
		I hereby certify that this corres States Postal Service with suffici envelope addressed to Assistant (20231 on 04/19/01 Date Annie Typed or printed na	CATE OF MAILING spondence is being deposited with the spondence is being deposited with the spondence as First Class Mail in a Commissioner for Patents, Washing Signature Signature arme of person signing certificate ISCLOSURE STATEM	en gton, D.C.		
Assista	ant Commi	ssioner for Patents	ISOLOGICA STRILLINA	2111		
Washi	ngton, D.C	2. 20231				
Sir: This Ir	nformation	Disclosure Statement is submi	tted:			
[ ]	under 37	CFR 1.129(a), or submission after Final Rejection)				
[X]	(Within any or stage in an inte	CFR 1.97(b), or ne of the following time periods: three months emational application; or before the mailing dayset for Continued Examination).				g a
[ ]	under 37	CFR 1.97(c) together with either	er:			
		Statement under 37 CFR 1.97(6				
		\$180.00 fee under $37$ CFR $1.17$ CFR $1.97$ (b) time period, but before final actio	- /	occurs first)	_	
[ ]	under 37	CFR 1.97(d) together with:				
	[ ] a S	Statement under 37 CFR 1.97(6	e), as checked below, and	d		
		\$180.00 fee under 37 CFR 1.17 hal action or notice of allowance, whichever oc		of the issue fee)		
[ ]		CFR 1.97(i): at requests that the IDS and cite	d reference(s) be placed	in the applic	cation filewrapper.	

(Filed after payment of issue fee)

[x]

[x]

## Statement Under 37 CFR 1.97(e) Each item of information contained in this Information Disclosure Statement was first cited in [ ] any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement; or [ ] No item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned, after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of this Information Disclosure Statement. Statement Under 37 CFR 1.704(d) (Patent Term Adjustment) Applies to original applications (other than design) filed on or after May 29, 2000 Each item of information contained in the Information Disclosure Statement was cited in a [ ]communication from a foreign patent office in a counterpart application and this communication was not received by any individual designated in § 1.56(c) more than thirty days prior to the filing of the Information Disclosure Statement. [X]Enclosed herewith is form PTO-1449: [X]Copies of the cited references are enclosed. Copies of cited references are enclosed except those entered in prior application, U.S. ], to which priority under 35 U.S.C. 120 is claimed. [The earlier Application No. application contains copies of the cited references.] The listed references were cited in the enclosed International Search Report in a counterpart foreign application. AM3 and AN3. [X] The listed reference was cited in the enclosed International Search Report in a commonly [X]owned application. AO3. The "concise explanation" requirement (non-English references) for reference AO3, AQ2, and AL3 under 37 CFR 1.98(a)(3) is satisfied by: the explanation provided on the attached sheet. the explanation provided in the Specification.

submission of the enclosed International Search Report.

the enclosed English language abstract.

## [X] Applicant requests that the following pending applications be considered:

Examiner's Initials		
		U.S. Patent Application No. 09/399,083, by inventors David Calderwood, Lee Arnold, Hormoz Mazdiyasni, Gavin C. Hirst, Bojuan B. Deng, David N. Johnston, Paul Rafferty, Gerald B. Tometski, Helen L. Twigger and Rainer Munschauer, filed September 17, 1999, Docket No.: 2079.1020-002
		U.S. Patent Application No. 09/381,036,by inventors David J. Calderwood, David N. Johnston, Paul Rafferty, Helen L. Twigger, Rainer Munschauer and Lee D. Arnold, filed September 15, 1999, Docket No.: 2079.1020-005
<del></del>		U.S. Patent Application No. 09/537,167,by inventors Gavin C. Hirst, David Calderwood, Rainer Munschauer, Lee D. Arnold, David N. Johnston and Paul Rafferty, filed March 29, 2000, Docket No.: 2079.1032-003
		U.S. Patent Application No. 09/663,780,by inventors Gavin C. Hirst, Paul Rafferty, Kurt Ritter, David Calderwood, Neil Wishart, Lee D. Arnold and Michael M. Friedman, filed September 15, 2000, Docket No.: 2079.1040-001
		U.S. Patent Application No. 09/815,310,by inventors Gavin C. Hirst, Paul Rafferty, Michael M. Friedman, Kurt Ritter and David Calderwood, filed March 22, 2001, Docket No.: 2079.1040-009
		U.S. Patent Application No. 60/278,047,by inventors Gavin C. Hirst, Paul Rafferty, Neil Wishart, Lee D. Arnold, Kurt Ritter, David Calderwood and Michael M. Friedman, filed March 22, 2001, Docket No.: 2079.1040-010
		Examiner Date
[	[X]	A copy of each above-cited application, including the current claims, is enclosed.
[	[ ]	A copy of each above-cited application, including the current claims, is enclosed, except those entered in prior application, U.S. Application No. [ ], to which priority under 35 U.S.C. 120 is claimed

The Examiner is requested to return a copy of the above list of pending applications indicating which references were considered with the next office communication.

It is requested that the information disclosed herein be made of record in this application.

## Method of payment:

[ ]	A check for the fee noted above is enclosed, or the fee has been included in the check with the
	accompanying Reply. A copy of this Statement is enclosed.

- [ ] Please charge Deposit Account 08-0380 in the amount of \$[ ]. A copy of this Statement is enclosed.
- [X] Please charge any deficiency in fees and credit any overpayment to Deposit Account 08-0380.

Respectfully submitted,

HAMILTON, BROOK, SMITH & REYNOLDS, P.C.

Theresa A. Devlin

Registration No.: 45,361 Telephone: (781) 861-6240 Facsimile: (781) 861-9540

Lexington, Massachusetts 02421-4799

Dated: 4/19/01

PTO-1449 REPRODUCED				ATTORNEY DOCKET NO. 2079.1042-001	APPLICATION NO. 09/663,320			
INFORMATION DISCLOSURE CETATION IN AN APPLICATION				APPLICANT Gavin C. Hirst, et al.				
	(Use	April 18, 2001 several sheets if ne	APR 2 5 2001	FILING DATE September 15, 2000	GROUP 1614	, ,,		
			W	PATENT DOCUMENTS	<u> </u>			
EXAM- INER INI- TIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING IF APPROPI	,
	AA	4,140,851	02/20/79	Townsend	536	24		
	AB	4,229,453	10/21/80	Roth et al.	424	251		
	AC	4/, 892 , 865	N1/09/90	Townsend et al.	514	43	<u></u>	
	AD	4,927,830	05/22/90	Pownsend et al.	514	258		
	AE	4,968,686	11/98/90	Townsend et al.	514	258		
	AF	4,996,206	02/26/91	Taylor et al.	514	258		
	AG	5,028,608	07/02/91	Taylor et al.	514	258		
	АН	5,248,775	09/28/93	Taylor et al.	544	280		
·	AI	5,254,687	10/19/93	Taylor et al.	<b>7</b> 544	280		
	AJ	5,344,932	09/06/94	Taylor	544	280		
	AK	5,349,064	09/20/94	Akimoto et al.	544	280		
			FOREIG	N PATENT DOCUMENTS		$\leq >$		
						SUB-	TRANSL	ATION NO
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS \	CLASS	YES	
	AL	DOCUMENT NUMBER WO 94/17803	18-AUG-94	PCT	CLASS	CLASS	YES	
	AL AM				CLASS	CLASS	YES	
		WO 94/17803	18-AUG-94	PCT	CLASS	CLASS	YES	
	АМ	WO 94/17803 WO 96/10028	18-AUG-94 04-APR-96	PCT ·	CLASS	CLASS	YES	
	AM	WO 94/17803 WO 96/10028 WO 96/31510	18-AUG-94 04-APR-96 10-OCT-96	PCT PCT	CLASS	CLASS	YES	
	AM AN AO	WO 94/17803 WO 96/10028 WO 96/31510 WO 96/40686	18-AUG-94 04-APR-96 10-OCT-96 19-DEC-96	PCT PCT PCT	CLASS	CLASS	YES	
	AM AN AO AP	WO 94/17803 WO 96/10028 WO 96/31510 WO 96/40686 WO 96/40705 WO 96/40706	18-AUG-94 04-APR-96 10-OCT-96 19-DEC-96 19-DEC-96	PCT PCT PCT PCT			YES	
	AM AN AO AP	WO 94/17803 WO 96/10028 WO 96/31510 WO 96/40686 WO 96/40705 WO 96/40706 OTHER DOCUMENTS Hanke, J.H., et	18-AUG-94 04-APR-96 10-OCT-96 19-DEC-96 19-DEC-96 (Including August) al., "Discontinuose	PCT PCT PCT PCT PCT PCT	Pages,	Etc.) Src Fan	nily-	
	AM AN AO AP AQ	WO 94/17803 WO 96/10028 WO 96/31510 WO 96/40686 WO 96/40705 WO 96/40706 OTHER DOCUMENTS Hanke, J.H., et selective Tyrosi(1996). Missbach, M., et Suppresses Phosp	18-AUG-94 04-APR-96 10-OCT-96 19-DEC-96 19-DEC-96 (Including August al., "Disconte Kinase in al., "A Nother phorylation in Vitro and al.)	PCT PCT PCT PCT PCT PCT thor, Title, Date, Pertinent overy of a Novel, Poten	Pages,  t, and  em., 27  yrosine Substra	Etc.) Src Fam 71 (2):6	nily- 595-70	1,
	AM AO AP AQ AR	WO 94/17803 WO 96/10028 WO 96/31510 WO 96/40686 WO 96/40705 WO 96/40706 OTHER DOCUMENTS Hanke, J.H., et selective Tyrosi (1996). Missbach, M., et Suppresses Phosp Bone Resorption 437-449, (1999). Traxler, P.M., et Selective, ATP Se	18-AUG-94 04-APR-96 10-OCT-96 19-DEC-96 19-DEC-96 (Including August al., "Discone Kinase al., "A Nothorylation In Vitro and the stal., "4-Site Directed	PCT PCT PCT PCT PCT PCT PCT PCT And the part of a Novel, Potent of Its Major Cellular	Pages,  t, and  em., 27  yrosine Substra Vivo,"  imidine	Etc.) Src Fam 71 (2):6 E Kinase ates and Bone, 2	nily- 595-70 e Src d Reduce 24 (5)	1, ces
EXAMIN	AM AN AO AP AQ AR AS	WO 94/17803 WO 96/10028 WO 96/31510 WO 96/40686 WO 96/40705 WO 96/40706 OTHER DOCUMENTS Hanke, J.H., et selective Tyrosi (1996). Missbach, M., et Suppresses Phosp Bone Resorption 437-449, (1999). Traxler, P.M., et Selective, ATP Se	18-AUG-94 04-APR-96 10-OCT-96 19-DEC-96 19-DEC-96 (Including August al., "Discone Kinase al., "A Nothorylation In Vitro and the stal., "4-Site Directed	PCT PCT PCT PCT PCT PCT PCT PCT  Thor, Title, Date, Pertinent overy of a Novel, Potent Inhibitor," J. Biol. Chapter of Its Major Cellular and in Rodent Models In  (Phenylamino) pyrrolopyred Inhibitors of the EG	Pages,  t, and  em., 27  yrosine Substra Vivo,"  imidine	Etc.) Src Fan (1 (2):6 E Kinase Ites and Bone, 2	nily- 595-70 e Src d Reduce 24 (5)	1, ces

PTO-1449 REPRODUCED				ATTORNEY DOCKET NO. APPLICATION NO. 09/663,320				
INFORMATION DISCLOSURE CITATION FOR				APPLICANT 097 003,320				
i		1	APR 2 5 2001	Gavin C. Hirst, et al.				
	(Use	April 18, 2001 several sheets if necessity	بع با	FILING DATE September 15, 2000	GROUP 1614			
			TRADEMANS.	PATENT DOCUMENTS				
EXAM- INER INI- TIAL	-	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING IF APPROPE	
	AA2	5,416,211	05/16/95	Barnett et al.	544	280		
	AB2	5,593,997	01/14/97	Dow et al.	514	258	-	
	AC2	5,594,121	01/14/97	Froehler et al.	536	23.5		
	AD2	5,612,482	93/18/97	Barnett et al.	544	280		
	AE2	5,639,757	06/17/97	Dow et al.	514	261		
	AF2	5,644,057	07/01/97	Yuan et al.	544	280		
	AG2	5,644,058	07/01/97	Barnett et al.	544	280		
	AH2	5,665,721	09/09/97	Bhagwat et al.	514	253		
	AI2	5,686,457	11/11/97	Traxler et al.	514	258		
	AJ2	5,721,356	02/24/98	Ugarkar et al.	536	27.2		
	AK2	5,726,302	03/10/98	Ugarkar et al.	536	27.13		
			FOREIG	n patent documents				
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLA YES	NOITA ON
	AL2	WO 96/40707	19-DEC-96	PCT	/			
	AM2	WO 97/02266	23-JAN-97	PCT				
	AN2	WO 97/03069	30-JAN-97	PCT				
	AO2	WO 97/13771	17-APR-97	PCT	•		_ `	
	AP2	WO 97/28161	07-AUG-97	PCT		)		
	AQ2	WO 97/32879	12-SEP-97	PCT				
		OTHER DOCUMENTS	(Including Au	thor, Title, Date, Pertinent	Pages,	Etc.)		
	AU	substituted 1H-preceptor tyrosin	oyrimido [4, ne kinase ir	"Synthesis and SAR for, 5-b] and 5H-pyrimido [nhibitors," Proceedingsearch, 37, March 1996,	5,4-b]i of the	ndoles Americ	as EG	F
	AV			esis & Biological Activem., 27B: 778-780, (198		Pyrrolo	2,3-0	d]
EXAMIN	ER			DATE CONSIDERED	·	<u> </u>		

PTO-1449 REPRODUCED				ATTORNEY DOCKET NO. 2079.1042-001 APPLICATION NO. 09/663,320				
	INFORMATION DISCLOSURE CITATION IN AN APPLICATION O PE			APPLICANT Gavin C. Hirst, et al.				
	(Use	April 18, 2001		FILING DATE September 15, 2000	GROUP 1614			
		A.C.	n, u.s.	PATENT DOCUMENTS	•			
EXAM- INER INI- TIAL	i	DOCUMENT NUMBER	TRADEMAN DATE	NAME	CLASS	SUB- CLASS	FILING IF APPROP	·
	AA3	5,763,596	06/09/98	Boyer et al.	536	27.13	-	
	AB3	5,763,597	06/09/98	Ugarkar et al.	536	27.13		
	AC3	5,834,469	11)/10/98	Elliott et al.	514	249		
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		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	CLASS	TRANSL. YES	ATION NO
	AL3	DOCUMENT NUMBER WO 97/34895		COUNTRY	CLASS	CLASS		
	AL3		DATE		CLASS	CLASS		
		WO 97/34895	DATE 25-SEP-97	PCT	CLASS	CLASS.		
	АМ3	WO 97/34895 WO 98/41525	DATE 25-SEP-97 24-SEP-98	PCT	CLASS	CLASS.		
	AM3	WO 97/34895 WO 98/41525 WO 00/44728	DATE  25-SEP-97  24-SEP-98  03-AUG-00	PCT PCT	CLASS	CLASS.		NO
	AM3 AN3 AO3	WO 97/34895 WO 98/41525 WO 00/44728 DE 30 36 390 A1	DATE  25-SEP-97  24-SEP-98  03-AUG-00  13-MAY-82	PCT PCT PCT GERMANY	CLASS	CLASS.		NO
	AM3 AN3 AO3 AP3	WO 97/34895 WO 98/41525 WO 00/44728 DE 30 36 390 A1 EP 0 402 903 A1	DATE  25-SEP-97  24-SEP-98  03-AUG-00  13-MAY-82  19-DEC-90	PCT PCT PCT GERMANY EPO	CLASS	CLASS		NO
	AM3 AN3 AO3 AP3 AQ3	WO 97/34895 WO 98/41525 WO 00/44728 DE 30 36 390 A1 EP 0 402 903 A1 EP 0 496 617 A1 EP 0 795 556 A1	DATE  25-SEP-97  24-SEP-98  03-AUG-00  13-MAY-82  19-DEC-90  29-JUL-92  17-SEP-97	PCT PCT PCT GERMANY EPO EPO		CLASS		NO
	AM3 AN3 AO3 AP3 AQ3	WO 97/34895 WO 98/41525 WO 00/44728 DE 30 36 390 A1 EP 0 402 903 A1 EP 0 496 617 A1 EP 0 795 556 A1	DATE  25-SEP-97  24-SEP-98  03-AUG-00  13-MAY-82  19-DEC-90  29-JUL-92  17-SEP-97	PCT PCT PCT GERMANY EPO EPO		CLASS		NO
	AM3 AN3 AO3 AP3 AQ3	WO 97/34895 WO 98/41525 WO 00/44728 DE 30 36 390 A1 EP 0 402 903 A1 EP 0 496 617 A1 EP 0 795 556 A1	DATE  25-SEP-97  24-SEP-98  03-AUG-00  13-MAY-82  19-DEC-90  29-JUL-92  17-SEP-97	PCT PCT PCT GERMANY EPO EPO		CLASS		NO
	AM3 AN3 AO3 AP3 AQ3	WO 97/34895 WO 98/41525 WO 00/44728 DE 30 36 390 A1 EP 0 402 903 A1 EP 0 496 617 A1 EP 0 795 556 A1	DATE  25-SEP-97  24-SEP-98  03-AUG-00  13-MAY-82  19-DEC-90  29-JUL-92  17-SEP-97	PCT PCT PCT GERMANY EPO EPO		CLASS		NO
EXAMIN	AM3 AN3 AO3 AP3 AQ3 AL4	WO 97/34895 WO 98/41525 WO 00/44728 DE 30 36 390 A1 EP 0 402 903 A1 EP 0 496 617 A1 EP 0 795 556 A1	DATE  25-SEP-97  24-SEP-98  03-AUG-00  13-MAY-82  19-DEC-90  29-JUL-92  17-SEP-97	PCT PCT PCT GERMANY EPO EPO		CLASS		NO